



PRODUCT-DETAILS

ACS180-04S-033A-4

LV AC machinery drive module, IEC: Pn 15 kW,
32 A (ACS180-04S-033A-4)



General Information	
Global Commercial Alias:	ACS180-04S-033A-4
Product ID:	3AXD50000874200
ABB Type Designation:	ACS180-04S-033A-4
Catalog Description:	LV AC machinery drive module, IEC: Pn 15 kW, 32 A (ACS180-04S-033A-4)
Long Description:	The ACS180 is a compact, robust, and adaptable variable speed drive (VSD) for applications such as pumps, fans, compressors, conveyors, winders and mixers. This easy-to-use compact VSD offers excellent performance and quality at superior value with all essential machinery application features embedded. And as a member of ABB's all-compatible drives portfolio, it shares the same architecture and user interfaces for ease of use.
Display Name:	ACS180-04S-033A-4

Ordering	
Customs Tariff Number:	85044087

HS Code: 850440 -- ELECTRICAL MACHINERY AND EQUIPMENT AND PARTS THEREOF; SOUND RECORDERS AND REPRODUCERS, TELEVISION IMAGE AND SOUND RECORDERS AND REPRODUCERS, AND PARTS AND ACCESSORIES OF SUCH ARTICLES; Electrical transformers, static converters (for example, rectifiers) and inductors; Static converters

Invoice Description: ACS180-04S-033A-4 PN:15kW, IN:32A

Made To Order: No

Minimum Order Quantity: 1 piece

Order Multiple: 1 piece

Quote Only: No

Selling Unit of Measure: piece

Dimensions

Product Net Weight: 3.195 kg

Product Net Depth / Length: 174 mm

Product Net Height: 205 mm

Product Net Width: 170 mm

Package Level 1 Depth / Length: 248 mm

Package Level 1 Height: 273 mm

Package Level 1 Width: 250 mm

Package Level 1 Units: carton 1 piece

Technical

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	125 W	0.6 %	90.3 %
0 / 50 %	180 W	0.8 %	92.6 %
0 / 100 %	339 W	1.5 %	93.0 %
50 / 25 %	134 W	0.6 %	94.8 %
50 / 50 %	192 W	0.9 %	96.1 %
50 / 100 %	414 W	1.9 %	95.8 %
90 / 50 %	206 W	0.9 %	97.6 %
90 / 100 %	551 W	2.5 %	96.9 %

Number of Phases: 3-phase

Degree of Protection: IP20

Enclosure Type NEMA: Open Type

Frequency (f): 47.5 ... 63 Hz

Frame Size: R3

Input Voltage (U_{in}): 380 ... 480 V

Mounting Type: Module_NO UNIT\$

Output Current, Normal Use (I_n):	32 A
Output Current, Light-Overload Use (I_{LD}):	30.5 A
Output Current, Heavy-Duty Use (I_{HD}):	25 A
Output Power, Normal Use (P_n):	15 kW
Output Power, Light-Overload Use (P_{LD}):	15 kW
Output Power, Heavy-Duty Use (P_{HD}):	11 kW
Efficiency Level:	IE2

Environmental

SCIP:	ce087935-c5d0-48c8-89ae-769efc3dfb30 Finland
WEEE Category:	5. Small Equipment (No External Dimension More Than 50 cm)

External Classifications and Standards

UNSPSC:	39122001
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Categories

Products > Drives > Low Voltage AC Drives > Machinery Drives > ACS180 - Machinery Drive

